Fig. 1

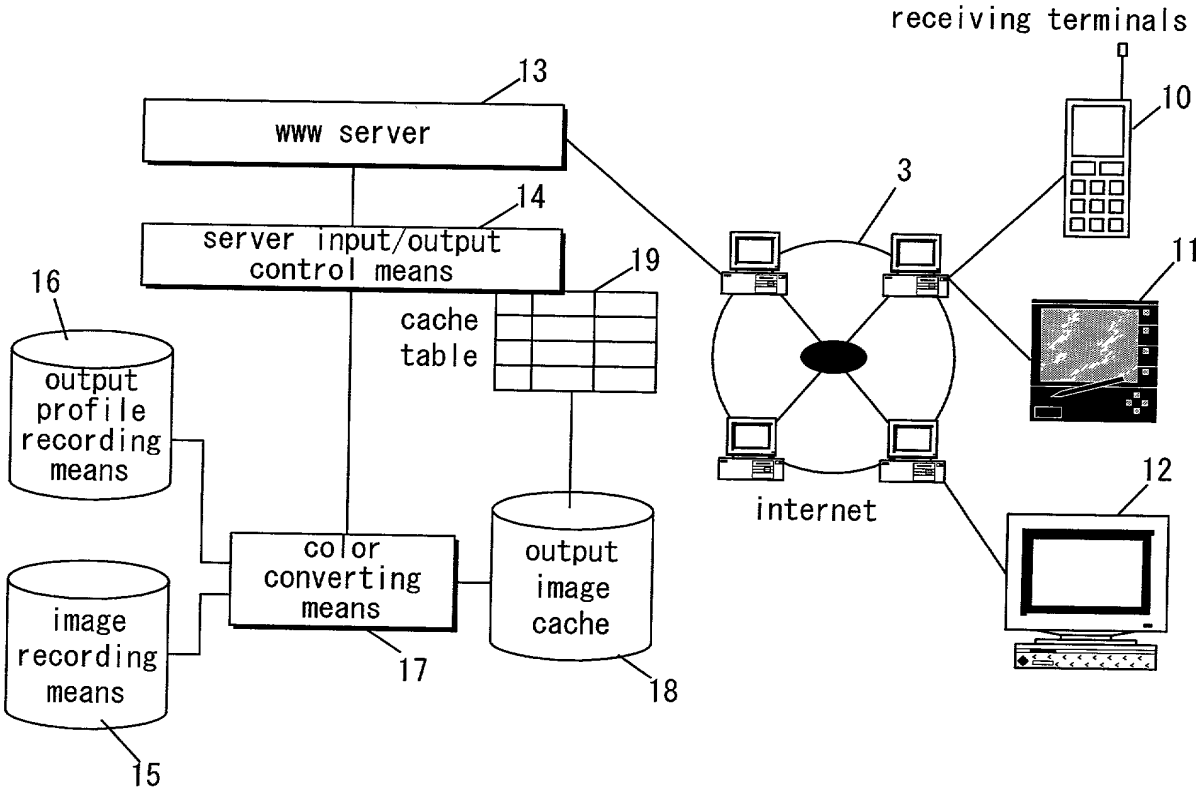

receiving terminals
13
www server
10
3
14
server input/output
control means
19
11
16
cache
table
output
profile
recording
means
internet
12
color
converting
means
output
image
cache
image
recording
means
17
18
15

Fig. 2

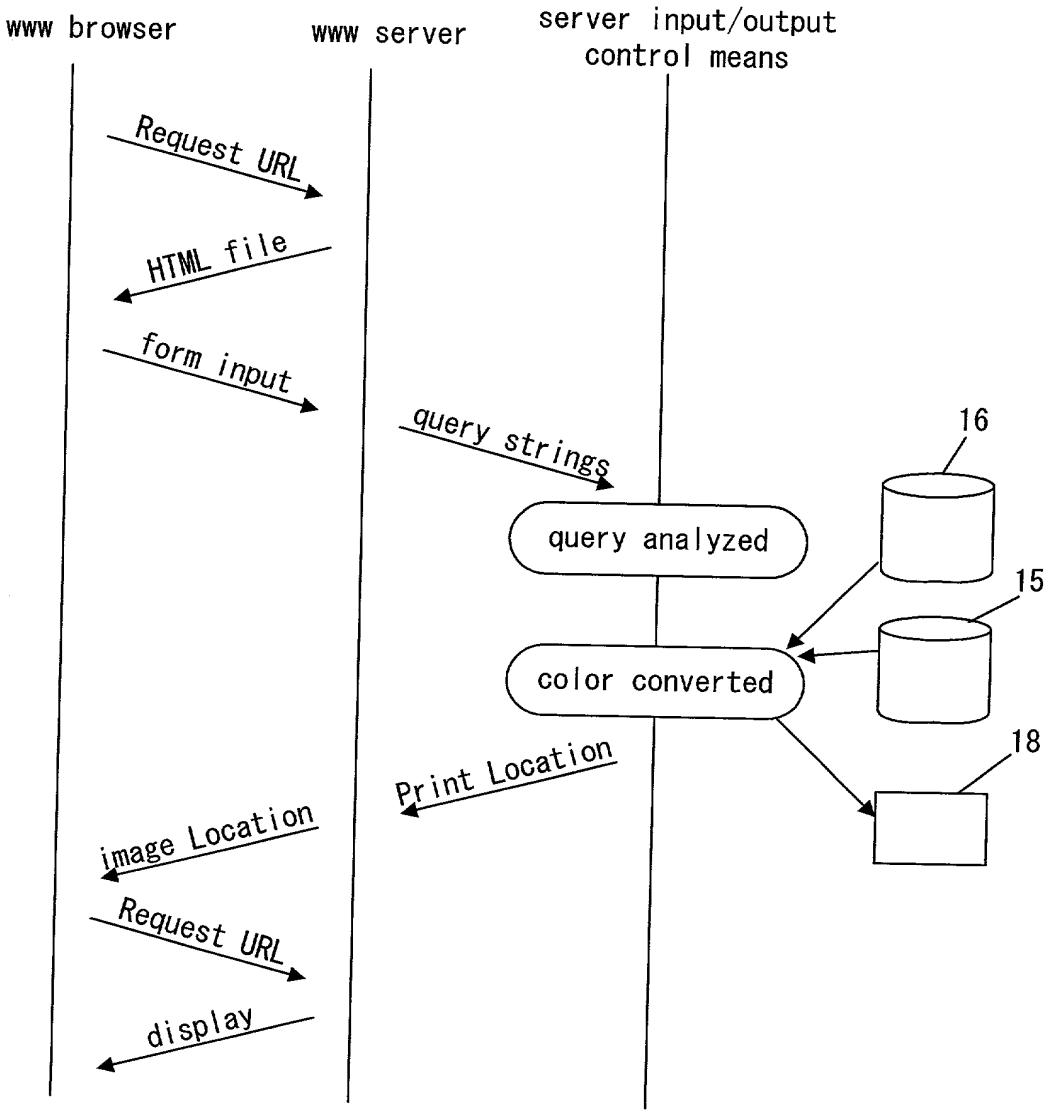

www browser
www server
server input/output control means
Request URL
HTML file
form input
query strings
query analyzed
color converted
Print Location
image Location
Request URL
display
16
15
18

Fig. 3

output profile table

attribute	output profile name
A: cell phone 502	a00502.dat
B: TV32	b0t32.dat
C: CRT1	ccrt001.dat
D: LCD2	d0Lcd02.dat
E: Book PC1	ePc01.dat
.....	.....

Fig. 4

cache table

No.	image name	attribute	output image filename	output HTML filename
1	N1A	A: cell phone 502	a0001.jpg	b0001.html
2	portrait1	E: Book PC1	a0002.jpg	b0002.html
3	landscape1	B: TV32	a0003.jpg	b0003.html
4	N1A	D: LCD2	a0004.jpg	b0004.html
5	portrait2	A: cell phone 502	a0005.jpg	b0005.html

Fig. 5

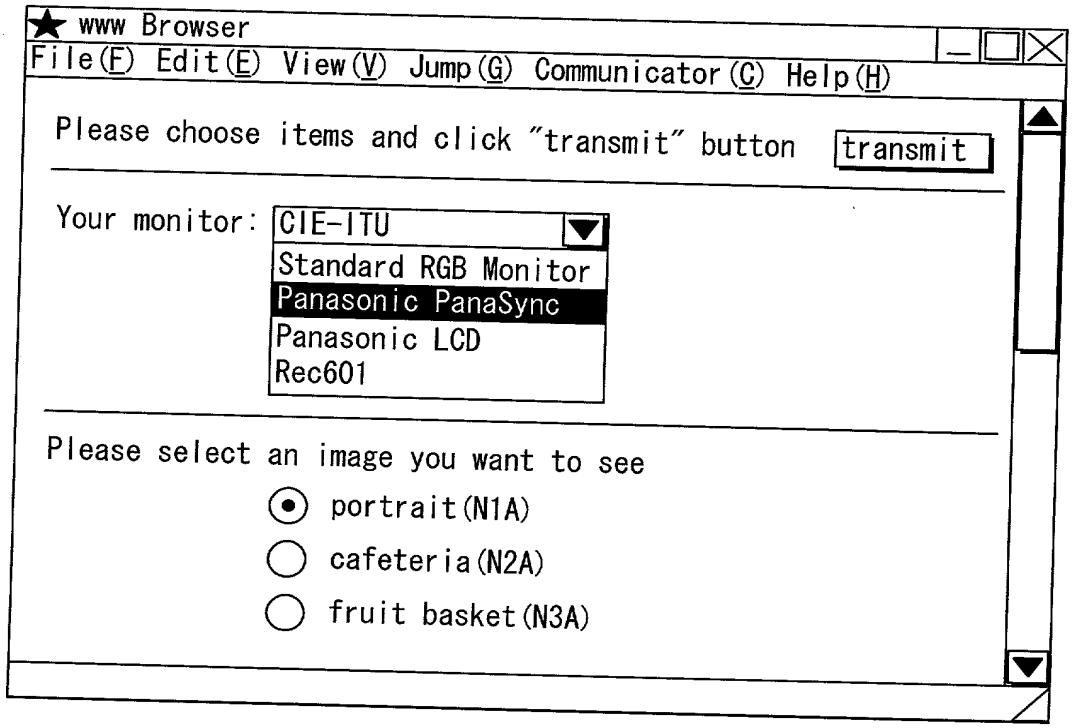


Fig. 6

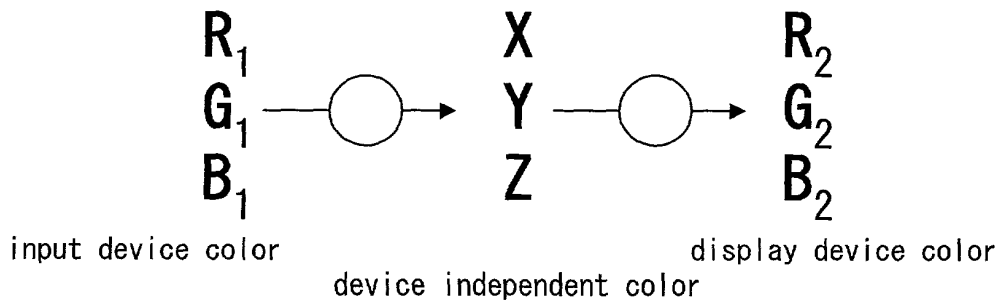

R1
G1
B1
X
Y
Z
R2
G2
B2
input device color
device independent color
display device color

Fig. 7

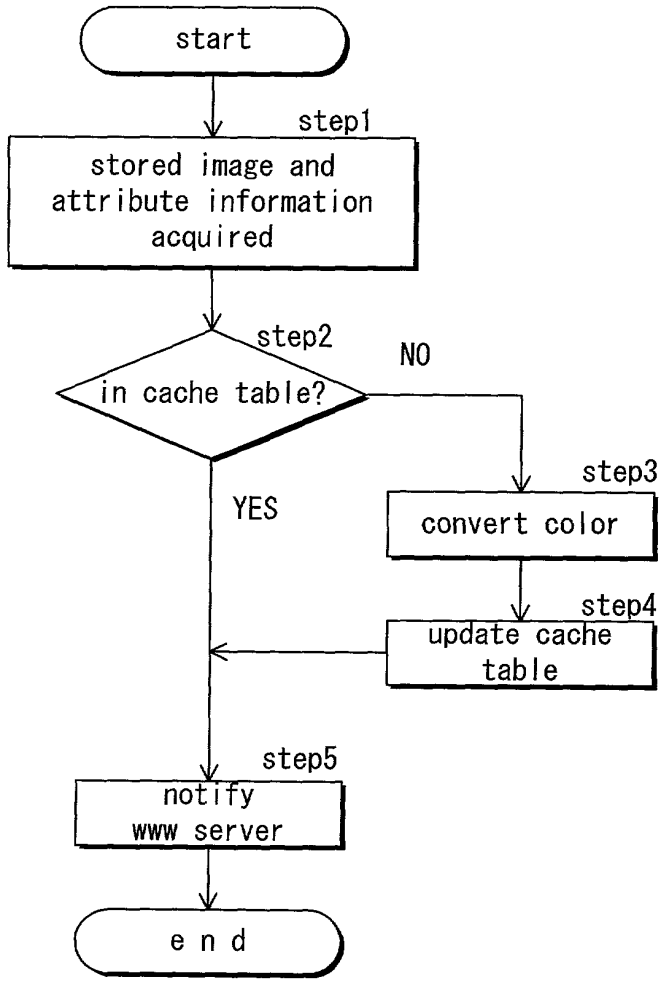

start
step1
stored image and attribute information acquired
step2
in cache table?
NO
YES
step3
convert color
step4
update cache table
step5
notify www server
e n d

Fig. 8

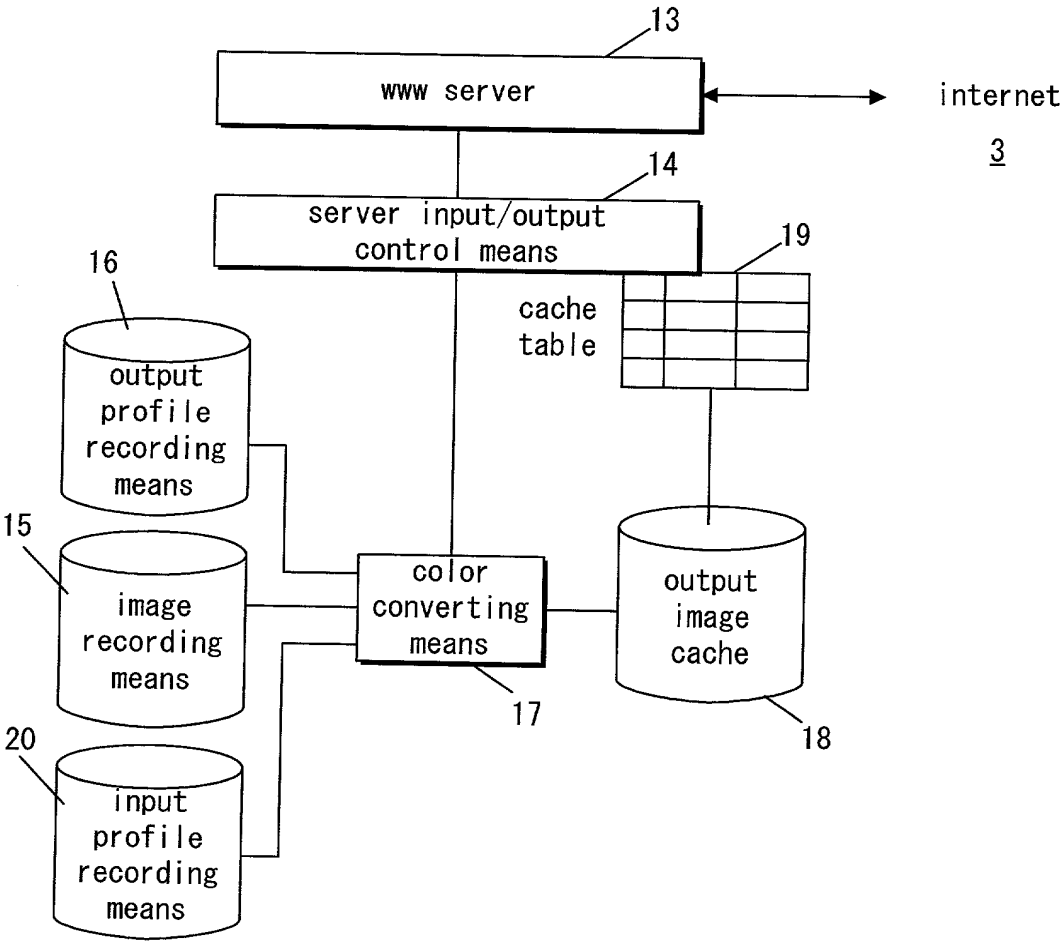


Fig. 9

input profile table

image name	input profile name
N1A	scan01.dat
portrait1	scan02.dat
portrait2	camera01.dat
landscape1	camera01.dat
.....	.....
.....	.....

Fig. 10

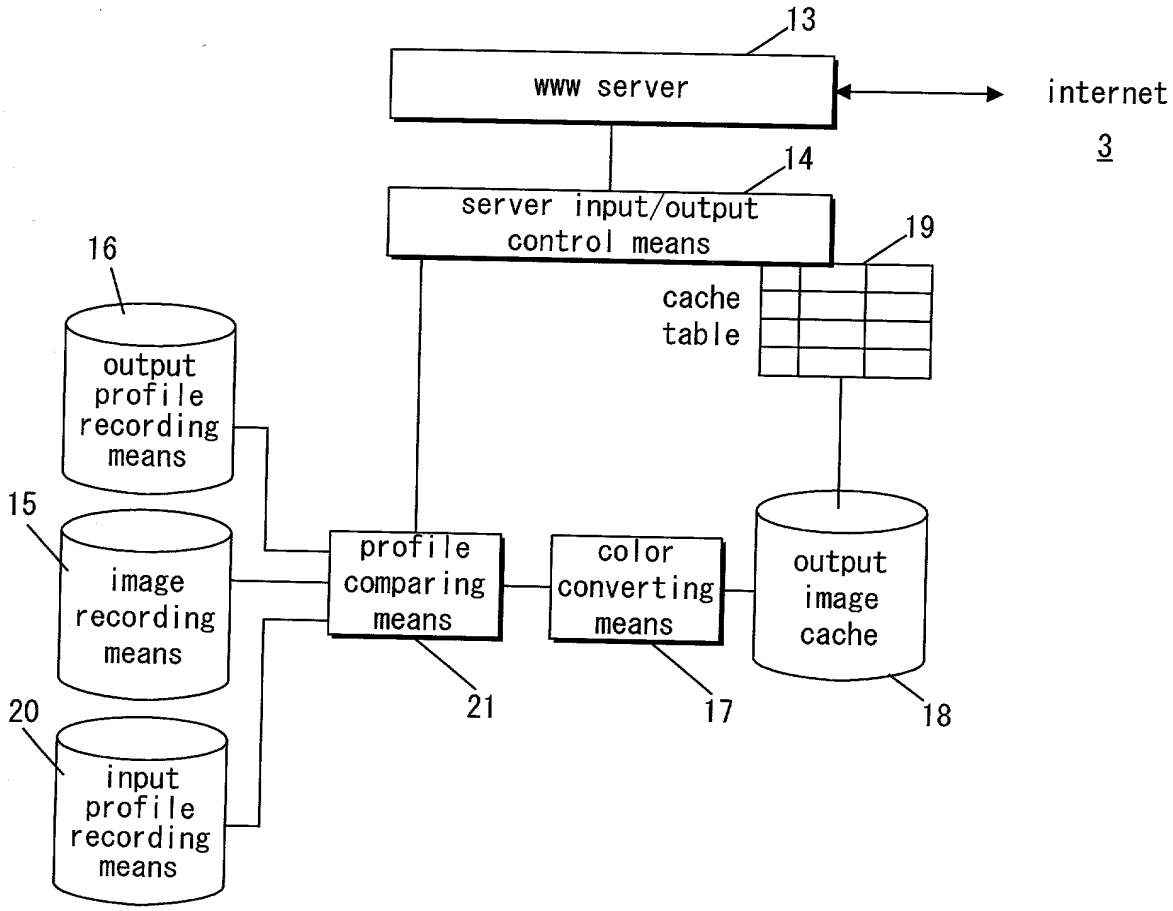

13
www server
internet
3
14
server input/output control means
19
16
cache table
output profile recording means
15
image recording means
profile comparing means
color converting means
output image cache
20
input profile recording means
21
17
18

Fig. 11

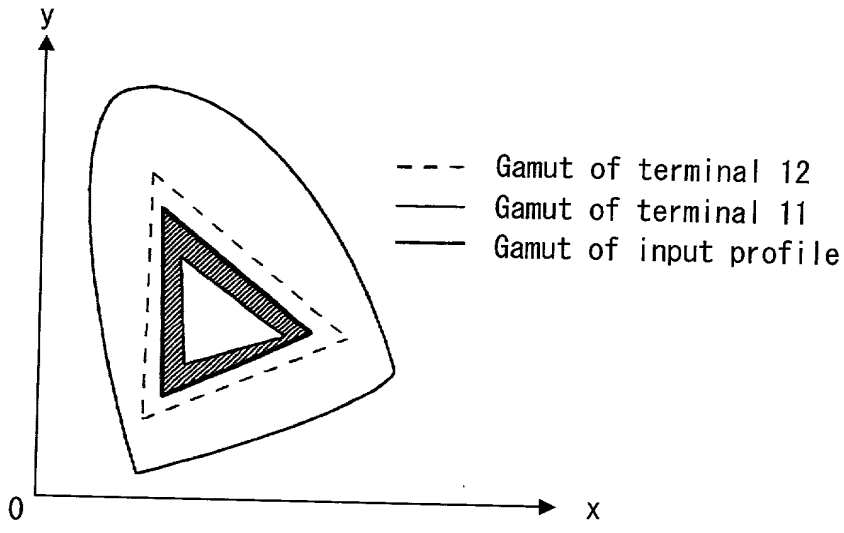

y
0
x
Gamut of terminal 12
Gamut of terminal 11
Gamut of input profile

Fig. 12

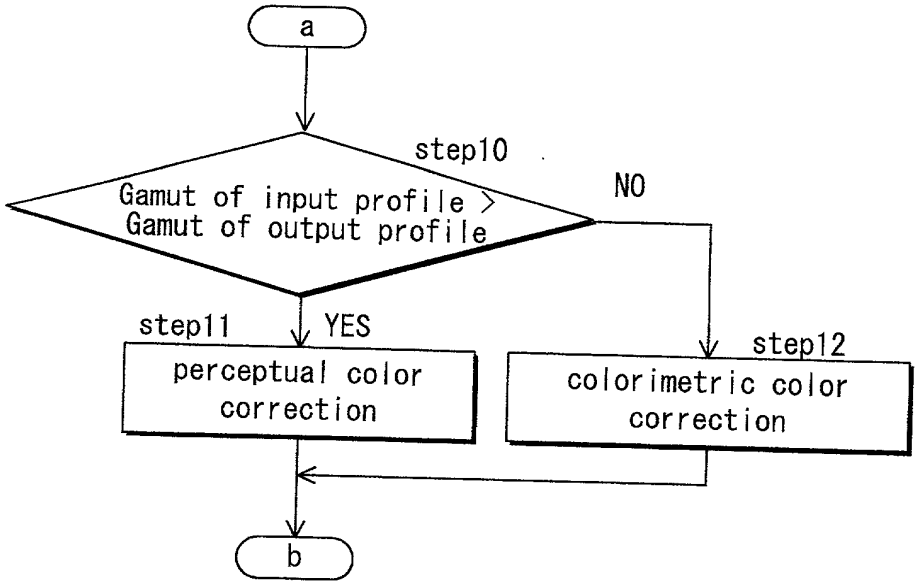
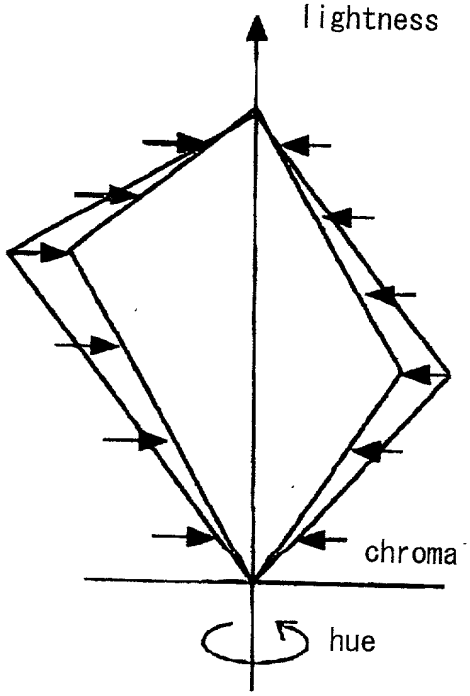

a
step10
Gamut of input profile >
Gamut of output profile
NO
step11
YES
perceptual color correction
step12
colorimetric color correction
b

Fig. 13


lightness
chroma
hue

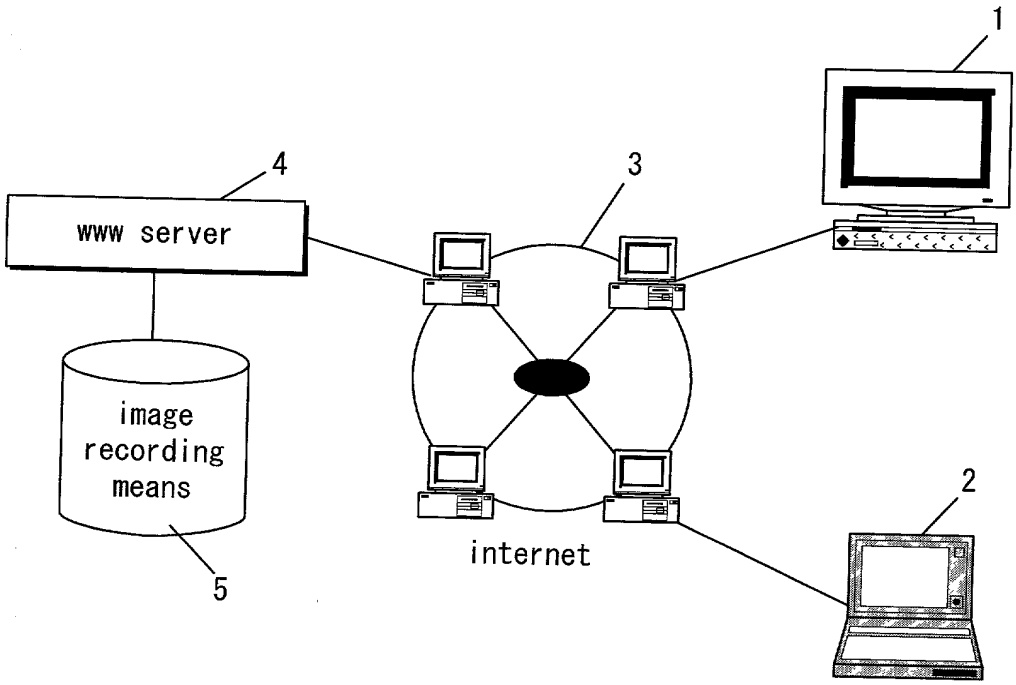



Fig. 14